

# EchoPanel® 24mm

**Designer:** Woven Image

**Application(s):** Walls, Workstations, Partitions, Ceilings

## Composition & Pattern

**Composition** 100% PET (60% post-consumer recycled)

**Colours Available** 20

## Dimensions & Weight

**Dimensions** Length: 2800mm (+/- 10mm), Width: 1200mm (+/- 5mm), Thickness: 24mm (+/- 7%) Length: 2400mm (+/- 10mm), Width: 1820mm (+/- 5mm), Thickness: 24mm (+/- 7%) Available in 542, 442 and 454 only

**Unit of Sale** Panel

**Unit of Sale Net Weight (kg)** 10

## Performance

**Fire Test Result** BS EN 13501.1: Classification B - s1, d0, ISO 9705: Group 1, BS EN 45545-2 + A1 Annex C: CIT: 0.00, ASTM E84 Unadhered: Class 1 or A

**Acoustic Performance Standard Test Method** AS ISO 354: 2006 (R2016)

**Noise Reduction Coefficient (NRC)** Direct fix: 0.65, 20mm air gap: 0.75, 50mm air gap: 0.85

## Result

**Sound Absorption Average (SAA) Result** Direct fix: 0.63

**Weighted Sound Absorption Coefficient ( $\alpha_w$ ) Result** Direct fix: 0.45 (MH), 20mm air gap: 0.50 (MH), 50mm air gap: 0.70 (MH)

**Sound Absorption Class** D (Direct fix)

**Additional Acoustic Information** Noise reduction coefficient result key: H = High Frequency & MH = Mid to High Frequency

**Colour Fastness to Light Standard Test Method** ISO 105 B02

**Colour Fastness Light Rating** 6 – 7

**Flexural Properties Standard Test Method** ISO 1209 - 1: 2007 @20mm Deflection

**Flexural Properties Rating** Direction 1 = 39.7N, Direction 2 = 39.8N

## Sustainability

**VOC Emissions Results** ASTM D5116: TVOC Emissions Rate:  $<0.02\text{mg/m}^2/\text{hr}$  (7 days), and CDPH Standard Method v1.2: TVOC Emissions Rate:  $<0.054\text{mg/m}^3$ ; Formaldehyde Emissions Rate:  $<2\mu\text{g/m}^3$

### Sustainability Performance



## Instructions

**Additional Information** See Woven Image EchoPanel® Care & Cleaning Guide.  
See Woven Image EchoPanel® Installation Guide.

Exact colour matching cannot be guaranteed between batches.  
Fibre mix and web variation are natural characteristics of this product.